

SAMPLE STATEMENT

AIR QUALITY

A microscale air quality analysis using the graphical method of the CALINE 3 model was performed to estimate carbon monoxide concentration produced by mobile source emissions on this improvement. Air quality analysis computations are included in the appendix of this document.

Hydrocarbon and nitrogen oxide mobile source emissions were not analyzed, as the Federal Highway Administration does not recommend project-level analyses.

The highest average daily vehicular traffic volumes, within the limits of the improvement, in conjunction with worst conditions for wind angle and velocity, atmospheric stability, and receptor location were used in the analysis.

The air quality analysis for this improvement has determined that mobile source emission of carbon monoxide within the limits of this improvement will not exceed the violation point of 35 parts per million, established by the National Ambient Air Quality Standard, and will contribute almost nothing to existing and future carbon monoxide levels within the improvement limits.